

Applic. No. 10/813,545

Amdt. dated April 20, 2006

Reply to Office action of April 5, 2006

Claim Amendments

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Claim 1. In a printing material processing machine, an oscillating roll assembly, comprising:

an oscillating roll having a roll shaft, a roll barrel rotatably and axially displaceably mounted on said roll shaft, and an oscillating mechanism for moving said roll barrel to and fro along said roll shaft;

at least one roll lock for mounting said oscillating roll in the machine; and

a fixing device configured to secure said roll barrel against displacement along said roll shaft in a dismantled state of said oscillating roll, in which said oscillating roll is released from said roll lock, and to permit axial displacement of said roll barrel in an installed state of said oscillating roll, in which said oscillating roll is mounted in said roll lock, said fixing device being mechanically coupled to said roll lock such that, upon dismantling of said oscillating

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roll, said fixing device is automatically activated to fix
said roll barrel.

Claim 2 (cancelled).

Claim 3. The assembly according to claim 1, wherein said fixing device is mechanically coupled to said roll lock such that, upon mounting of said oscillating roll, said fixing device is automatically deactivated and said roll barrel is released.

Claim 4. The assembly according to claim 1, wherein said fixing device is a drum brake.

Claim 5. The assembly according to claim 1, wherein said fixing device is configured for latching and activation in any desired axial position of said roll barrel relative to said roll shaft.

Claim 6. The assembly according to claim 1, wherein said fixing device is configured to be continuously operative in all operating stages of said oscillating roller.

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Claim 7. The assembly according to claim 1, wherein said roll barrel is configured to be driven in rotation exclusively via circumferential surface friction.

Claim 8. The assembly according to claim 1, wherein said oscillating mechanism is at least partly integrated into said roll barrel.

Claim 9. The assembly according to claim 1, wherein said fixing device is at least partly integrated into said roll barrel.

Claim 10. The assembly according to claim 1, which comprises a switching element for selectively activating and deactivating said fixing device disposed on said roll shaft, said switching element being movably mounted for activation by said roll lock.

Claim 11. The assembly according to claim 1, wherein said oscillating roll is not an applicator roll.

Claim 12. The assembly according to claim 1, wherein the printing material processing machine is a press and said oscillating roll is a damping solution distributor roll or an ink distributor roll.

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Claim 13 (new): In a printing material processing machine, an oscillating roll assembly, comprising:

an oscillating roll having a roll shaft, a roll barrel rotatably and axially displaceably mounted on said roll shaft, and an oscillating mechanism for moving said roll barrel to and fro along said roll shaft;

at least one roll lock for mounting said oscillating roll in the machine; and

a fixing device configured to secure said roll barrel against displacement along said roll shaft in a dismantled state of said oscillating roll, in which said oscillating roll is released from said roll lock, and to permit axial displacement of said roll barrel in an installed state of said oscillating roll, in which said oscillating roll is mounted in said roll lock, said fixing device being mechanically coupled to said roll lock such that, upon mounting of said oscillating roll, said fixing device is automatically deactivated and said roll barrel is released.

Claim 14 (new): The assembly according to claim 13, wherein said fixing device is a drum brake.

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Claim 15 (new): In a printing material processing machine, an oscillating roll assembly, comprising:

an oscillating roll having a roll shaft, a roll barrel rotatably and axially displaceably mounted on said roll shaft, and an oscillating mechanism for moving said roll barrel to and fro along said roll shaft;

at least one roll lock for mounting said oscillating roll in the machine;

a fixing device configured to secure said roll barrel against displacement along said roll shaft in a dismantled state of said oscillating roll, in which said oscillating roll is released from said roll lock, and to permit axial displacement of said roll barrel in an installed state of said oscillating roll, in which said oscillating roll is mounted in said roll lock; and

a switching element for selectively activating and deactivating said fixing device disposed on said roll shaft, said switching element being movably mounted for activation by said roll lock.

Claim 16 (new): The assembly according to claim 15, wherein said fixing device is a drum brake.